

BAAQMD Weather Factors, March 1999

Date Site	Min Temp (C)					Max Temp (C)					4-5am Ave Wind Speed (m/s)					4-5pm Ave Wind Speed (m/s)					Insolation (Ly/day)					Precip (mm) Ros	
	Ros	Kre	Ple	Car	Sma	Ros	Kre	Ple	Car	Sma	Ros	Kre	Ple	Car	Sma	Ros	Kre	Ple	Car	Sma	Ros	Bet	Liv	Alv	Sma	Ros	
M 01	6.0	6.2	8.0	9.7	8.4	16.9	13.5	16.7	16.8	19.2	.9	5.8	2.6	2.4	4.6	3.0	3.6	4.2	4.8	6.0	400	437	426	373			
T 02	2.2	8.3	5.1	7.4	3.6	17.3	16.3	19.3	20.5	21.0	.8	6.8	1.4	2.0	1.6	4.3	5.1	5.1	7.2	2.4	354	408	425	445			
W 03	5.5	2.7	7.3	9.2	5.9	13.6	9.9	13.2	14.9	13.7	1.3	7.2	1.8	2.4	5.8	4.4	7.5	5.9	7.2	5.9	380	432	424	281			
T 04	3.0	.7	5.2	7.3	2.1	13.7	9.8	12.4	13.7	13.6	1.2	7.2	1.5	4.2	2.1	4.4	1.9	4.0	6.4	5.6	439	446	465	465			
F 05	1.7	3.6	2.8	5.6	.8	13.9	11.3	14.1	15.3	15.1	1.0	2.8	1.1	.8	1.3	4.0	1.2	2.4	2.8	1.0	409	363	358	346			
S 06	3.7	2.9	4.7	6.7	3.3	12.2	8.7	11.3	13.6	11.8	1.1	2.4	.9	1.2	1.2	4.6	5.3	4.5	5.3	2.5	347	300	218	223			
S 07	.3	2.8	2.2	5.1	.2	14.4	10.7	12.8	14.3	15.3	.8	3.8	.7	1.1	1.4	4.9	8.1	6.8	6.4	5.5	460	463	471	441			
M 08	6.6	3.8	7.7	8.7	4.3	11.2	6.2	10.7	12.1	12.3	2.4	4.3	2.2	2.5	1.3	5.8	15.1	7.6	6.3	3.8	92	80	98	137			
T 09	3.6	1.4	4.6		4.3	11.3	7.9	10.8		12.3	1.4	10.5	3.8			1.7	3.7	3.9	3.6		1.9	383	377	437	406		
W 10	2.2	1.5	2.6		.8	11.5	8.1	11.6		12.9	1.1	5.0	.9			.8	3.7	1.8	3.1		3.4	346	371	338	379		
T 11	2.8	2.7	6.5		4.3	15.3	11.7	14.5		15.6	1.9	3.4	1.6			2.0	3.7	5.0	5.6		4.6	470	472	456	434		
F 12	1.1	5.4	4.1		2.0	15.0	13.6	15.8		18.3	.9	3.5	1.0			1.2	4.7	6.2	5.8		4.4	457	469	461	472		
S 13	4.7	6.2	4.3		3.1	13.9	14.3	15.7		17.2	1.4	1.9	1.1			1.3	3.7	9.6	6.1		4.2	331	386	322	396		
S 14	6.6	3.0	6.6		4.9	10.2	8.7	12.8		13.5	4.4	6.1	3.5			2.1	2.1	9.1	4.2		3.7	74	104	94	156		
M 15	5.6	2.8	6.5		5.9	15.3	11.4	13.4		11.3	1.3	3.3	1.3			3.0	5.0	9.9	6.9		2.0	423	450	265	168		
T 16	3.2	4.9	9.2		8.8	15.7	12.1	14.4		15.6	.8	4.1	1.4			1.6	4.2	3.3	4.9		2.4	464	339	378	289		
W 17	6.8	3.2	8.4		7.7	14.2	12.8	15.2		17.2	1.3	3.4	2.2			3.0	4.3	1.4	4.3		1.9	391	424	446	419		
T 18	6.3	4.2	6.7		7.4	13.3	11.4	15.6		16.7	1.0	5.1	1.0			1.7	3.8	2.3	2.3		2.1	157	235	353	386		
F 19	8.0	4.1	8.3		7.4	13.7	10.3	13.1		13.5	1.3	8.1	.7			5.3	2.3	2.1	1.4	3.1	3.6	95	142	76	65		
S 20	7.1	3.7	6.1		6.3	15.2	10.8	14.2		13.8	2.7	12.1	1.3	1.1	1.7	3.7	4.9	1.7	4.3	5.0	366	497	292	286			
S 21	7.1	5.7	7.6		5.7	13.6	11.3	15.4		16.6	.9	5.8	1.1	3.3	1.6	4.2	3.0	4.2	3.7	2.8	242	467	311	444			
M 22	5.3	5.3	6.3		7.1	13.6	10.0	14.2		16.3	1.3	4.6	1.0	.9	2.4	2.8	8.0	5.3	4.9	2.5	246	355	322	428			
T 23	6.3	4.8	8.6	8.2	7.2	13.9	11.4	14.2	14.2	15.4	1.7	2.4	2.4	2.5	2.3	4.6	1.9	3.7	4.3	3.0	398	379	391	401			
W 24	8.8	7.7	9.6	10.4	6.4	11.7	10.9	15.6	14.7	17.8	3.7	8.1	1.1	3.0	1.5	6.7	9.1	4.4	5.9	2.7	54	178	128	313			
T 25	8.6	7.4	10.4	10.2	11.2	16.7	12.8	17.2	17.4	18.8	1.9	10.3	1.3	.9	1.0	2.3	4.8	3.6	5.1	4.8	272	419	310	349			
F 26	5.3	4.3	8.8	9.3	7.9	18.9	13.9	15.3	15.7	17.8	.8	9.3	2.0	4.6	4.3	4.7	10.3	5.1	8.4	6.8	535	540	527	547			
S 27	3.8	2.1	4.5	7.4	5.5	15.8	11.3	14.1	14.3	16.6	.8	4.5	2.0	3.2	4.6	4.7	7.9	6.1	6.6	6.4	539	545	536	550			
S 28	2.1	2.2	4.1	5.8	1.7	15.8	12.9	15.8	16.3	18.1	1.1	6.9	.8	1.3	1.1	4.5	6.1	6.1	5.9	6.7	535	547	535	550			
M 29	2.2	3.3	4.6	7.8	4.6	14.7	11.3	14.2	15.8	17.5	.5	9.3	1.0	1.6	1.8	4.8	8.7	5.7	5.8	6.6	357	473	439	474			
T 30	1.7	1.8	4.8	6.9	5.4	11.8	9.1	11.8	13.3	13.7	.9	8.1	1.6	2.1	2.5	8.4	8.4	6.3	5.3	4.4	381	494	525	401			
W 31	2.0	.4	4.9	6.0	4.1	11.8	7.4	10.7	12.1	12.8	1.5	9.4	1.8	3.9	2.6	4.8	8.4	6.5	4.9	6.1	488	572	463	497			
Ave.	4.5	3.8	6.2		5.1	14.1	11.0	14.1		15.5	1.4	6.0	1.6			2.3	4.3	5.9	4.8		4.0	351	392	364	372		
Normal	6.0	6.6	7.6	9.8	6.2	17.5	14.0	17.1	18.9	18.4	1.6	5.8	1.6	1.9	1.8	4.1	5.5	4.4	4.7	4.0	369	388	388	381	---	---	

--- = insufficient data

Site	Name	Elevation (m)	Temperature Normals are for the period:	Wind Speed Normals are for the period:	Insolation Normals are for the period:	Precipitation Normals are for the period:
Ros	= Santa Rosa	29.3	1988-present	1988-present	1990-present	
Bet	= Bethel Island	-1.5			1990-present	
Kre	= Kregor Peak	577.4	1990-present	1990-present		
Ple	= Pleasanton	99.1	1992-present	1992-present		
Liv	= Livermore	150.0				
Car	= San Carlos	1.0	1992-present	1992-present		
Alv	= Alviso	1.0		1993-present		
Sma	= San Martin	29.0	1988-present	1988-present	1990-present	

BAAQMD High-Hour Ozone Concentrations (pphm),

March

1999

Date	BI	CC	FF	FR	GI	HA	LI	LG	MV	NP	OA	PT	RC	SF	SJ	SP	SL	SM	PA	SR	ST	VA	Dist
M 01	4.3	4.2		3.1			3.1		3.4	2.6	3.7	2.8	2.9	3.7				4.4	3.7	3.8	3.7	4.4	
T 02	3.2	3.9		3.5			3.6		3.9	1.9	3.0	4.0	3.6	3.1				4.5	3.6	4.2	3.9	4.5	
W 03	4.3	4.7		4.4			3.9		4.6	4.3	3.6	3.9	4.5	4.0				4.8	4.5	4.2	4.4	4.8	
T 04	4.4	4.4		3.9			4.2		4.1	3.8	3.8	3.7	3.7	4.0				4.5	4.0	4.2		4.5	
F 05	4.2	4.2		3.8			4.0		3.2	2.5	3.7	2.9	2.6	2.8				4.0	3.7	4.2	3.9	4.2	
S 06	3.9	4.4		4.3			3.9		4.2	3.6	3.6	4.1	4.1	3.9				4.7	4.0	4.0	4.4	4.7	
S 07	4.5	4.8		4.3			4.4		4.2	3.4	3.7	4.1	4.3	4.5				4.7	3.8	4.2	4.4	4.8	
M 08	3.5	4.0		3.3			3.9		4.3	3.5	3.3	3.5	4.0	3.5				4.2	4.1	4.0	4.0	4.3	
T 09	4.6	4.8		4.5			4.4		4.3	3.7	3.7	4.0	4.5	4.1				4.8	4.4	4.1	4.5	4.8	
W 10	3.8	3.5		4.1			4.1		3.8	2.4	3.0	3.0	3.8	3.3				4.2	3.8	3.9	4.2		
T 11	4.9	5.5		4.2			4.6		4.8	3.2	4.1	3.7	4.2	3.8				5.0	3.6	4.8	4.6	5.5	
F 12	4.1	4.2		4.2			3.8		4.1	3.0	3.2	2.9	4.1	3.9				4.4	3.6	3.9	3.8	4.4	
S 13	4.1	4.4		4.2			4.3		4.0	3.1	3.3	4.0	4.2	4.2				4.6	3.9	4.1	4.1	4.6	
S 14	4.0	4.3		3.8			4.4		3.8	3.3	3.6	3.8	4.5	3.6				4.7	4.2	4.1	4.2	4.7	
M 15	4.4	4.2		3.7			3.8		3.6	3.7	3.3	3.5	3.6	3.3				3.9	2.7	2.9	3.7	4.4	
T 16	4.1	3.9		3.8			3.8		3.2	2.9	3.2	3.5	4.1	3.6				3.6	2.5	4.0	3.5	4.1	
W 17	4.6	4.2		4.4			3.9		4.1	3.2	3.3	3.8	4.5				4.5	3.7	3.8	4.0	4.6		
T 18	3.4	4.2		4.3			4.2		3.9	3.3	2.9	3.9	3.9				4.5	4.1	3.9	4.2	4.5		
F 19	5.5	4.6		4.5			5.2		5.0	3.5	4.6	4.6	5.3	3.7				5.3	4.6	5.0	4.4	5.5	
S 20	4.6	4.5		3.9			4.6		4.8	4.0	4.0	3.5	4.5	4.0				4.8	4.4	4.8	4.4	4.8	
S 21	4.8	4.7		4.3			5.0		4.1	4.0	3.9	3.5	4.2	4.5				4.5	3.9	4.2	4.2	5.0	
M 22	4.4	4.7		4.4			4.4		3.0	3.7	4.0	3.8	4.3	3.3				4.8	3.6	3.8	4.0	4.8	
T 23	4.1	4.4		4.2			4.4		4.4	3.9	3.5	3.4	4.4	4.0				4.9	4.3	4.2	4.2	4.9	
W 24	3.5	3.8		3.4			3.7		4.0	2.4	3.1	3.5	3.5	3.8				3.3	3.7	3.4	3.0	4.0	
T 25	4.0	3.6		3.0			3.6		3.6	2.8	3.2	3.0	2.9	3.2				3.8	2.7	3.0	3.5	4.0	
F 26	3.9	4.3		3.7			3.9		3.6	3.0	3.3	3.5	3.7	3.8				4.0	3.2	4.0	3.6	4.3	
S 27	4.9	5.2		4.5			4.6		4.5	4.1	4.2	3.6	4.1	4.7				4.8	3.8	4.9	4.6	5.2	
S 28	5.0	5.1		4.2			4.8		4.4	4.1	4.0	3.9	4.1	4.7				4.7	4.3	4.5	4.3	5.1	
M 29	4.3	4.8		4.5			4.2		4.4	4.3	3.6	3.9	4.1	4.4				4.7	4.0	4.2	4.3	4.8	
T 30	4.2	4.5		4.5			4.4		3.9	4.3	3.7	3.7	4.1	4.2				4.6	3.3	3.8	4.0	4.6	
W 31	4.0	4.2		4.6			4.2		3.4	4.2	3.2	3.4	4.3	3.9				4.1	3.2	3.5	3.8	4.6	
Max	5.5	5.5		4.6			5.2		5.0	4.3	4.6	4.6	5.3	4.7				5.3	4.6	5.0	4.6	5.5	
D>12.4	0	0		0			0		0	0	0	0	0	0				0	0	0	0	0	
Mean	4.2			4.2					3.4		3.6		3.8					4.5		4.0			
		4.4		4.0					4.0		3.6		4.0					3.8		4.0			

BAAQMD Highest Eight-Hour Average Ozone Concentrations (pphm), March

1999

Date	BI	CC	FF	FR	GI	HA	LI	LG	MV	NP	OA	PT	RC	SF	SJ	SP	SL	SM	PA	SR	ST	VA	Dist
M 01	3.8	3.7		2.4			2.6		2.8	2.1	3.0	2.3	2.4	3.0				3.7	2.6	2.6	2.8	3.8	
T 02	3.2	3.5		3.0			2.9		3.6	2.5	2.8	3.0	3.4	3.1				3.8	3.4	3.3	3.6	3.8	
W 03	3.9	4.2		3.5			3.4		3.5	3.5	3.3	3.4	3.2	3.4				4.1	3.6	3.3	3.6	4.2	
T 04	4.1	4.2		3.4			3.5		3.3	2.8	3.5	2.8	3.2	3.5				4.0	2.6	3.8		4.2	
F 05	3.5	3.4		3.1			3.3		2.8	1.1	3.0	2.2	1.6	1.8				2.8	2.9	3.1	2.9	3.5	
S 06	3.3	3.9		3.8			3.6		3.7	3.1	3.1	3.9	3.8	3.5				4.3	3.4	3.5	3.8	4.3	
S 07	4.0	4.3		4.1			3.9		3.8	2.9	3.3	3.8	3.9	4.0				4.3	3.4	3.7	4.1	4.3	
M 08	3.5	4.0		3.2			3.8		3.6	3.0	3.1	3.6	4.1	2.8				4.3	3.8	3.5	4.0	4.3	
T 09	4.3	4.6		4.2			4.0		4.1	3.1	3.5	3.1	3.8	3.8				4.5	2.8	3.7	4.1	4.6	
W 10	3.4	3.1		3.3			3.1		3.1	2.0	2.7	2.6	3.0	2.9				3.7	3.5	3.4		3.7	
T 11	4.5	4.5		3.3			4.2		4.3	2.4	3.6	2.8	3.4	3.2				4.3	3.0	3.7	4.1	4.5	
F 12	3.5	3.2		3.6			3.1		3.4	2.3	2.6	2.4	3.6	3.0				3.9	2.9	3.3	3.4	3.9	
S 13	3.6	3.8		3.4			3.8		3.6	2.5	3.2	3.6	3.7	3.1				3.9	3.8	3.6	3.6	3.9	
S 14	3.5	4.1		3.4			3.7		3.4	3.1	3.1	3.4	4.0	3.3				4.2	3.7	3.6	3.9	4.2	
M 15	3.7	3.8		3.4			3.3		3.1	2.7	2.8	3.4	3.2	2.2				3.4	2.3	2.6	2.9	3.8	
T 16	3.5	3.6		4.0			3.4		3.6	2.7	2.7	3.3	4.1	3.6				4.1	2.7	3.6	3.7	4.1	
W 17	4.1	3.2		3.7			3.6		3.7	2.4	3.0	2.9	3.9				4.1	3.1	3.2	3.7	4.1		
T 18	3.0	3.6		3.8			3.1		3.4	2.8	2.3	3.6	3.5				4.1	3.2	3.3	3.8	4.1		
F 19	4.7	3.4		3.8			4.0		4.7	3.2	3.6	3.8	3.9	3.2				3.4	3.1	4.1	4.1	4.7	
S 20	4.4	4.0		3.6			4.1		4.5	3.5	3.6	3.2	4.1	3.7				4.2	3.7	4.5	4.0	4.5	
S 21	4.3	4.4		4.1			4.5		3.8	3.5	3.5	3.3	4.0	4.0				4.3	3.7	3.9	4.0	4.5	
M 22	3.6	3.9		3.6			3.7		2.4	2.5	3.2	3.4	3.7	3.0				4.4	3.1	3.5	3.6	4.4	
T 23	3.7	3.9		3.9			4.0		3.8	2.8	3.4	2.9	4.0	3.5				4.5	3.4	3.8	3.9	4.5	
W 24	2.6	3.5		2.6			3.3		3.1	1.6	2.3	2.9	2.8	2.7				2.6	2.4	3.1	2.6	3.5	
T 25	3.6	3.2		3.0			3.1		3.2	1.8	2.8	2.1	2.2	2.2				3.0	2.4	2.7	3.0	3.6	
F 26	3.4	4.0		3.4			3.3		3.3	3.1	2.9	3.2	3.1	3.3				3.8	3.4	3.7	3.4	4.0	
S 27	4.4	4.7		4.1			4.1		3.9	3.6	3.7	3.5	3.9	4.1				4.5	3.7	4.3	4.1	4.7	
S 28	4.4	4.7		3.8			4.3		3.9	3.3	3.6	3.3	3.7	4.1				4.4	3.6	4.2	4.0	4.7	
M 29	4.1	4.4		4.1			3.9		4.0	3.9	3.4	3.5	3.7	3.9				4.4	3.3	3.8	4.0	4.4	
T 30	4.0	4.2		4.1			4.0		3.5	3.2	3.4	3.5	3.9	3.8				4.4	3.1	3.3	3.8	4.4	
W 31	3.7	3.9		3.7			3.6		3.2	3.2	3.0	3.0	3.3	3.5				3.9	2.5	3.1	3.4	3.9	
Max	4.7	4.7		4.2			4.5		4.7	3.9	3.7	3.9	4.1	4.1				4.5	3.8	4.5	4.1	4.7	
D>8.4	0	0		0			0		0	0	0	0	0	0				0	0	0	0	0	
Mean	3.8				3.6				2.8		3.2		3.3					4.0		3.5			
	3.9			3.6				3.6		3.1		3.5						3.2		3.6			

BAAQMD Highest Eight-Hour Average Carbon Monoxide Concentrations (ppm), March 1999

Date	BI	CC	FR	LI	NP	OA	PT	RC	SF	SJ	PA	SR	ST	VA	Dist
M 01	.6	1.0	.9	.9	.8	1.5	1.5	1.0	1.2	1.3	.8	1.0	.8	1.6	1.6
T 02	.6	1.4	1.5	1.3	1.0	1.8	1.8	1.4	1.2	1.6	1.1	1.6	1.4	1.9	1.9
W 03	.4	.5	.7	.6	.7	.8	.5	.6	.7	.6	.7	.9	.7	.6	.9
T 04	.5	.7	1.0	.8	1.2	1.3	.8	.8	1.1	1.1	.8	.9	.7		1.3
F 05	.8	1.1	1.4	1.1	1.1	1.4	1.2	1.2	.9	1.4	.9	1.1	1.0	2.0	2.0
S 06	.7	.8	1.3	.8	1.3	1.4	.9	1.0	.7	1.3	1.1	.9	.9	1.7	1.7
S 07	.4	.6	.9	.8	1.0	1.1	.5	.6	.8	1.3	.8	.7	.8	.8	1.3
M 08	.5	.5	.6	.7		1.0	.5	.5	.6	.7	.8	.8	.7	.5	1.0
T 09	.4	.6	1.2	.8		1.1	.4	.8	.8	1.5	.8	.9	1.1	.8	1.5
W 10	.4	.9	1.6	1.1	1.0	1.4	.7	.8	.9	1.9	1.1	.9	1.0		1.9
T 11	.4	.9	1.3	.9	1.0	1.1	.6	.8	1.1	1.1	1.0	.9	.8	.7	1.3
F 12	.5	.9	1.5	1.2	1.1	1.3	.9	1.2	1.3	1.4	1.4	1.2	1.1	1.0	1.5
S 13	.7	.9	1.0	.9	.8	1.1	.9	.8	.8	1.4	1.1	1.0	.9	1.2	1.4
S 14	.4	.5	.5	.5	.8	.5	.7	.6	.8	.6	.9	.8	.4	.9	
M 15	.4	.7	.8	.6	.5	.9	.6	1.0	.7	.9	.7	.9	1.0	.4	1.0
T 16	.5	.6	.5	.5	.6	.9	.6	.7	.8		.6	.8	1.2	.5	1.2
W 17	.5	.7	.6	.8	1.0	.9	.6	.8	.7		.6	.7	.8	.5	1.0
T 18	.6	1.0	.8	.8	1.2	.9	.8	.9	.8		.8	.9	1.0	.6	1.2
F 19	.5	1.0	.7	.7	1.1	1.1	.7	.9	.8	.9	.9	.8	1.0	.8	1.1
S 20	.3	.9	.8	.7	1.1	1.1	.9	1.0	.9	.9	.9	1.0	1.1	.9	1.1
S 21	.4	.7	.7	.7	1.3	1.1	.9	1.0	.7	1.0	1.0	1.0	1.0	1.0	1.3
M 22	.5	1.0	.9	.8	1.1	1.4	.7	1.2	.8	1.0	1.0	1.2	1.0	1.0	1.4
T 23	.5	.6	.8	.8	1.0	.8	.6	.6	.6	.9	.6	.7	.9	.4	1.0
W 24	.5	.7	.6	.8	1.1	1.0	.6	.7	.6	.9	.8	.9	1.0	.5	1.1
T 25	.4	.8	.5	.7		1.7	.5	.7	.6	1.1	.9	.7	1.1	.4	1.7
F 26	.4	.6	.6	.5		1.0	.4	.7	.6	.7	1.0	.7	.6	.3	1.0
S 27	.3	.4	.6	.5	.6	.6	.4	.5	.5	1.1	.6	.6	.3	.2	1.1
S 28	.4	.4	1.0	.5	.4	.9	.4	.8	.6	1.5	1.2	.6	.6	.3	1.5
M 29	.4	.5	1.2	.5	.6	1.2	.4	1.0	.8	1.9	1.2	.9	.8	.3	1.9
T 30	.4	.6	.8	.4	.8	.7	.4	.7	.6	.7	1.0	.8	.6	.4	1.0
W 31	.4	.7	.6	.6	.8	.7	.6	.7	.6	.9	.7	.8	.4	.6	.9
Max	.8	1.4	1.6	1.3	1.3	1.8	1.8	1.4	1.3	1.9	1.4	1.6	1.4	2.0	2.0
D> 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	.5	.9	.9	.9	1.1	.7	.8	.8	1.1	.9	.9	.9	.9	.8	

BAAQMD High-Hour Nitrogen Dioxide Concentrations (pphm), March

1999

Date	BI	CC	FR	LI	NP	PT	RC	SF	SJ	PA	SR	ST	VA	Dist
M 01	2	3	4	4	3	3	4	4	4	3	3	3	3	4
T 02	2	3	4	3	2	3	4	4	4	3	3	4	3	4
W 03	1	3	3	3	3	2	4	3	4	3	3	3	2	4
T 04	2	3	4	3	3	2		4	5	3	4	3		5
F 05	3	4	4	3	3	4		4	4	3	3	3	3	4
S 06	3	3	4	4	3	3	4	4	4	4	3	4	3	4
S 07	1	2	4	3	2	1	4	4	4	3	2	3	3	4
M 08	2	2	3	4	3	3	2	3	4	3	3	3	3	4
T 09	1	3	4	3	3	2	4	3	4	4	4	4	1	4
W 10	2	4	4	4	2	4	3	4	5	4		2	4	5
T 11	1	4	5	4	3	3	4	3	4	4	3	3	3	5
F 12	2	4	4	5	2	3	4	5	4	3	3	3	3	5
S 13	2	4	4	3	3	3	3	4	4	3	3	2	3	4
S 14	1	3	3	3	2	2	2	3	4	2	4	3	3	4
M 15	1	3	4	3	2	2	4	4	4	2	3	3	2	4
T 16	2	2	3	3	2	2	3	3	3	2	3	2	2	3
W 17	2	4	3	5	2	4	4	2		2	3	2	2	5
T 18	2	4	4	4	3	3	4	4		4	3	3	3	4
F 19	2	4	4	4	4	3	4	4	4	4	3	3	4	4
S 20	1	3	3	3	3	3	3	4	3	3	4	3	4	4
S 21	1	3	3	3	3	3	3	4	4	3	3	3	3	4
M 22	2	3	3	3	2	3	3	4	4	3	3	3	3	4
T 23	2	4	5	5	2	3	4	3	3	2	3	4	2	5
W 24	2	3	4	4	3	3	3	4	3	3	4	2	3	4
T 25	1	3	3	3	3	2	3	3	4	3	2	3	2	4
F 26	1	2	2	2	2	1	2	3	3	3	2	2	1	3
S 27	1	2	3	2	3	1	2	3	3	1	2	2	1	3
S 28	1	2	4	2	2	1	3	3	4	3	2	4	2	4
M 29	1	3	4	3	2	1	3	5	5	4	4	4	2	5
T 30	1	3	4	3	2	2	3	4	4	4	3	3	2	4
W 31	1	3	4	3	3	2	3	3	4	2	3	3	1	4
Max	3	4	5	5	4	4	4	5	5	4	4	4	4	5
D> 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.6		3.6		2.5		3.3		3.9		2.9		2.6	
		3.0		3.3		2.5		3.6		2.9		2.9		

BAAQMD 24-Hour Average Sulfur Dioxide Concentrations (ppb), March

1999

Date	BI	CC	CR	MA	PT	SF	PA	VA	Dist
M 01	1	2	2	1	2	1	1	1	2
T 02	1	2	3	1	2	2	2	3	3
W 03	0	1	1	1	1	1	1	0	1
T 04	1	2	2	2	1	1	1		2
F 05	0	2	2	2	1	3	2	2	3
S 06	1	1	2	1	1	1	2	1	2
S 07	2	1	1	1	3	1	1	0	3
M 08	0	1	1	1	1	1	2	1	2
T 09	0	1		1	1	1	1	0	1
W 10	1	1	3	1	2	2	2	1	3
T 11	1	2	3	2	1	1	2	1	3
F 12	1	2	2	1	2	2	2	1	2
S 13	1	2	2	1	1	1	2	1	2
S 14	0	1	2	1	1	1	1	1	2
M 15	1	1	2	1	1	1	1	1	2
T 16	0	1	2	1	1	2	1	1	2
W 17	0	2	2	2	2	1	2	1	2
T 18	0	2	3	2	1	2	2	1	3
F 19	0	1	2	1	1	2	1	1	2
S 20	0	1	2	1	1	1	0	1	2
S 21	0	1	2	1	1	1	1	1	2
M 22	0	1	2	1	1	1	1	2	2
T 23	0	1	1	1	1	1	1	1	1
W 24	0	1	1	1	1	1	1	1	1
T 25	0	1	1	1	1	2	1	1	2
F 26	1	1	1	1	2	1	1	0	2
S 27	1	1	1	1	2	1	1	0	2
S 28	1	1	2	1	2	1	1	0	2
M 29	1	1	2	1	1	1	2	0	2
T 30	0	1	1	1	1	1	1	0	1
W 31	1	1	1	1	1	1	1	0	1
Max	2	2	3	2	3	3	2	3	3
D> 50	0	0	0	0	0	0	0	0	0
Mean	.5	1.3	1.8	1.2	1.3	1.3	1.3	.8	

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Station	abbr	California Stds.				National Stds.			PM10 Ann. Average	PM10 Ann. Geo. Mean
		O3-1hr	NO2	SO2	PM10*	O3-1hr	O3-8hr	CO		
Bethel Island	BI	0	0	0	0	0	0	0	21.1	18.3
Concord	CC	0	0	0	0	0	0	0	19.5	17.2
Crockett	CR			0						
Fairfield	FF									
Fremont	FR	0	0		0	0	0	0	22.4	20.5
Gilroy	GI									
Hayward	HA									
Livermore	LI	0	0		0	0	0	0	22.3	20.1
Los Gatos	LG									
Martinez	MA			0						
Mountain View	MV									
Napa	NP	0	0		0	0	0	0	17.2	15.6
Oakland	OA	0				0	0	0		
Pittsburg	PT	0	0	0		0	0	0		
Redwood City	RC	0	0		0	0	0	0	23.7	21.5
San Francisco	SF	0	0	0		0	0	0	22.6	20.5
San Jose	SJ	0	0		0	0	0	0	26.7	23.6
SJ Piedmont	SP									
SJ Tully Road	TR			0				0	23.2	20.6
San Leandro	SL									
San Martin	SM									
San Pablo	PA	0	0	0		0	0	0		
San Rafael	SR	0	0		0	0	0	0	20.6	19.0
Santa Rosa	ST	0	0		0	0	0	0	19.3	17.8
Vallejo	VA	0	0	0	0	0	0	0	16.8	14.3
District	Dist	0	0	0	0	0	0	0		

*PM10 is sampled once every 6 days

AMBIENT AIR QUALITY STANDARDS

Pollutant	Time	California Standards	National Standards	Method
Ozone	1 Hour	9 pphm	12 pphm	Ethylene
	8 Hour	-	8 pphm	Chemiluminescence
Carbon Monoxide	8 Hour	9.0 ppm	9 ppm	Non-dispersive Infrared
	1 Hour	20 ppm	35 ppm	Spectroscopy (NDIR)
Nitrogen Dioxide	Annual Average	-	5.3 pphm	Gas Phase
	1 Hour	25 pphm	-	Chemiluminescence
Sulfur Dioxide	Annual Average	-	30 ppb	Pararosoaniline
	24 Hour	50 ppb	140 ppb	
Suspended Part. Matter (PM10)	Annual Average	-	50 ug/m ³	Size Selective Inlet
	Ann. Geo. Mean	30 ug/m ³	-	High Volume Sampler
	24 Hour Average	50 ug/m ³	150 ug/m ³	